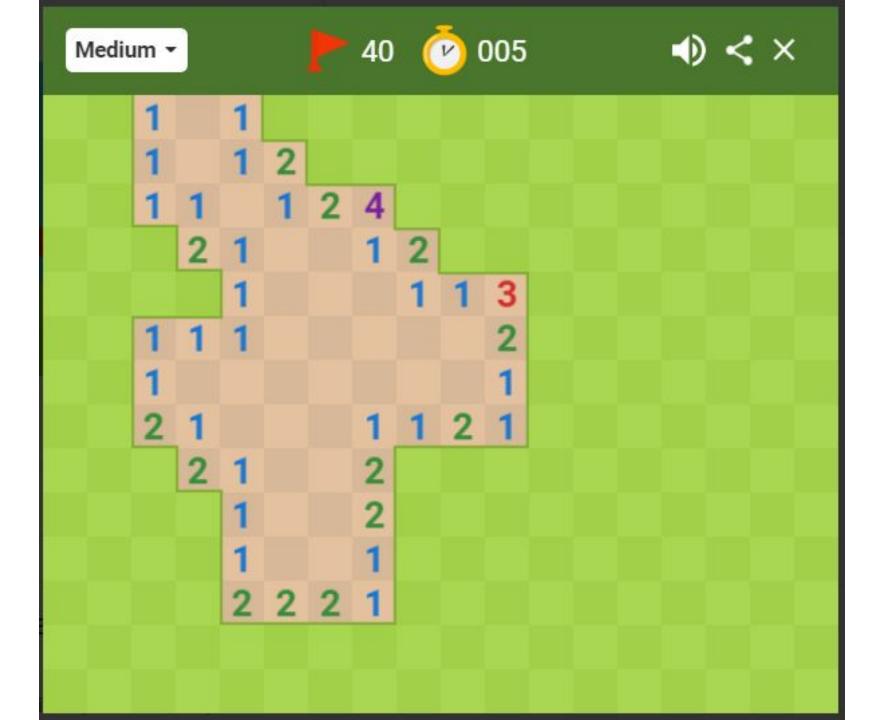
Minesweeper

Rod Bayliss III and Brandon John

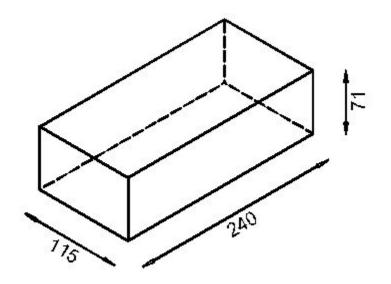




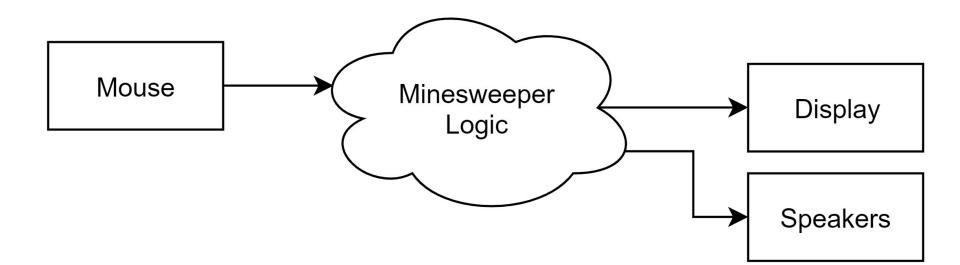




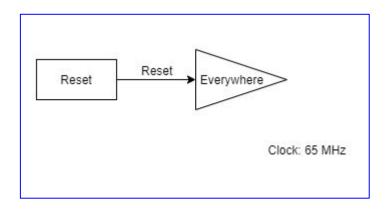
Block Diagram

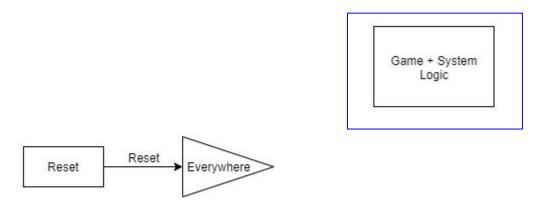


Block Diagram

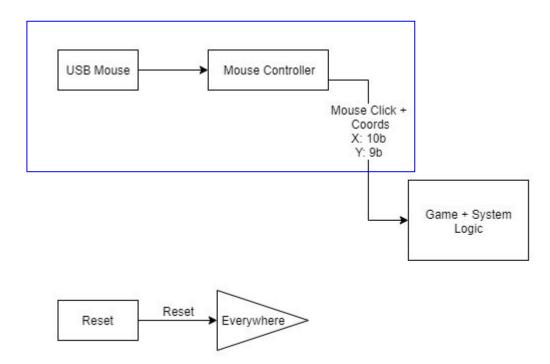


Block Diagram

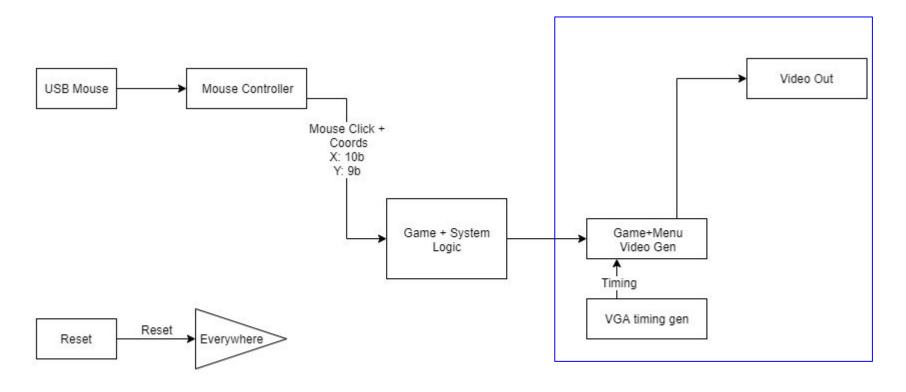




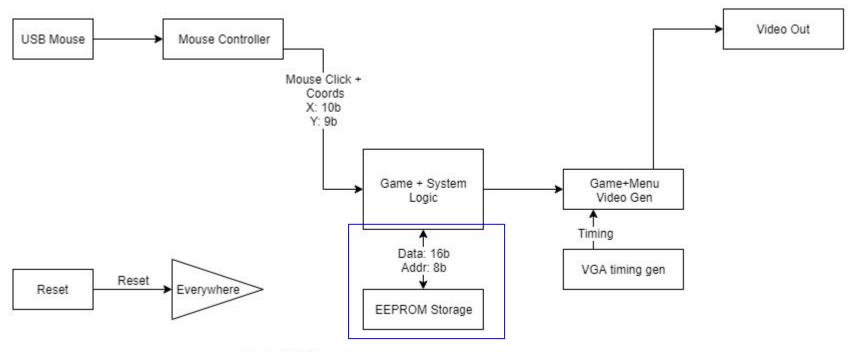
Clock: 65 MHz



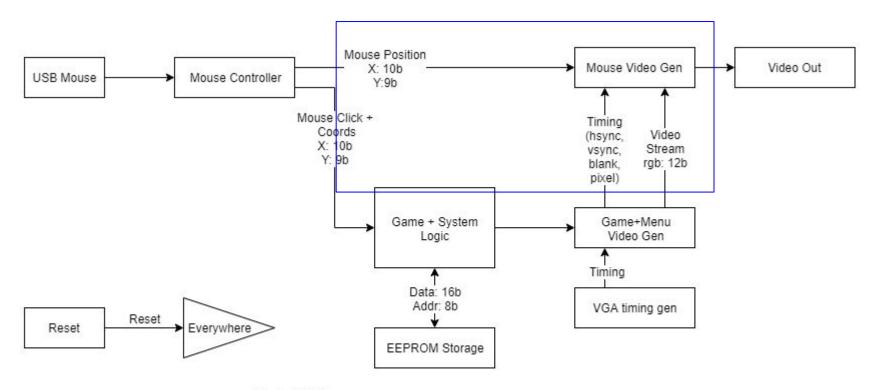
Clock: 65 MHz



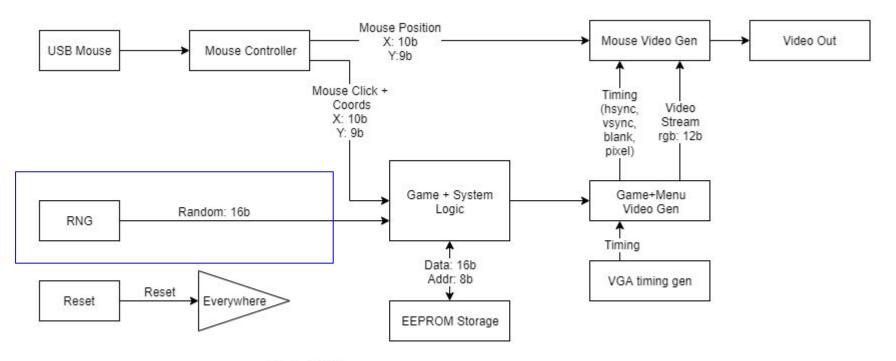
Clock: 65 MHz



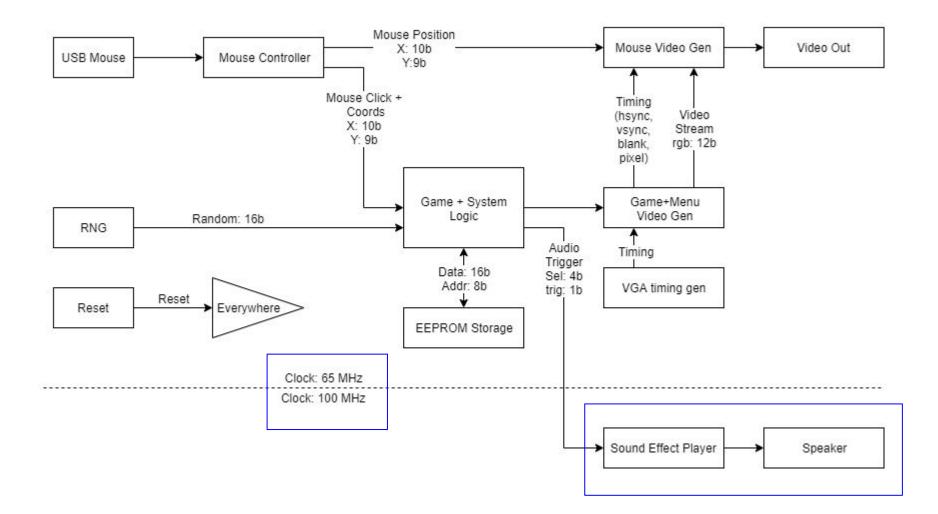
Clock: 65 MHz

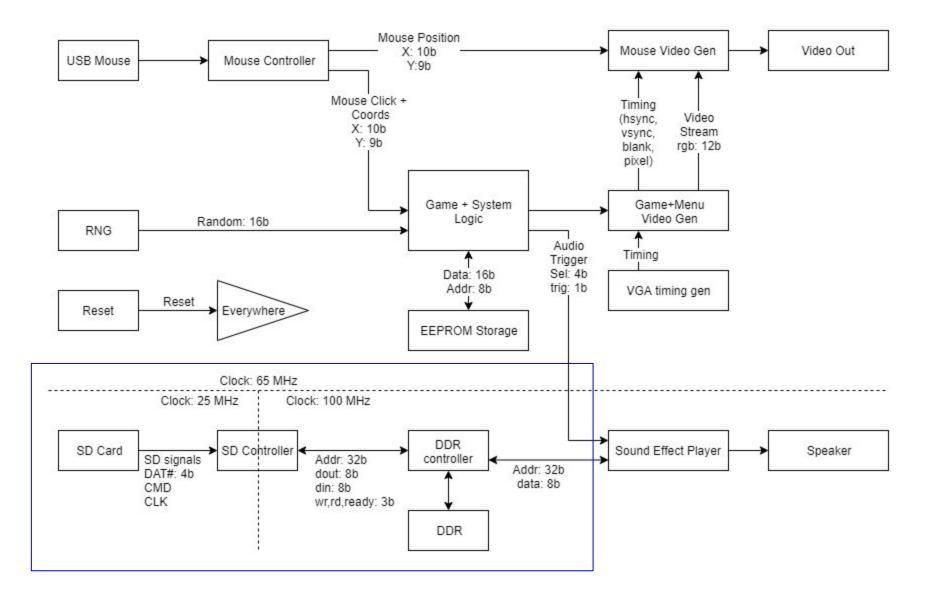


Clock: 65 MHz

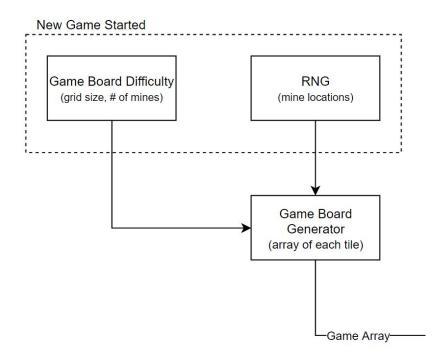


Clock: 65 MHz

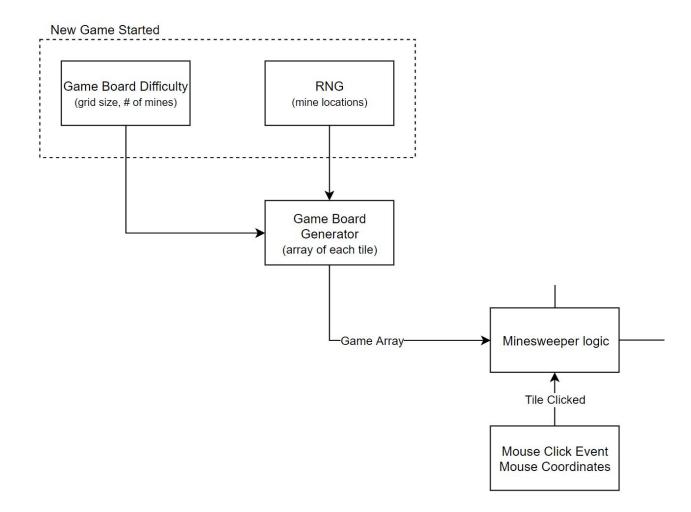




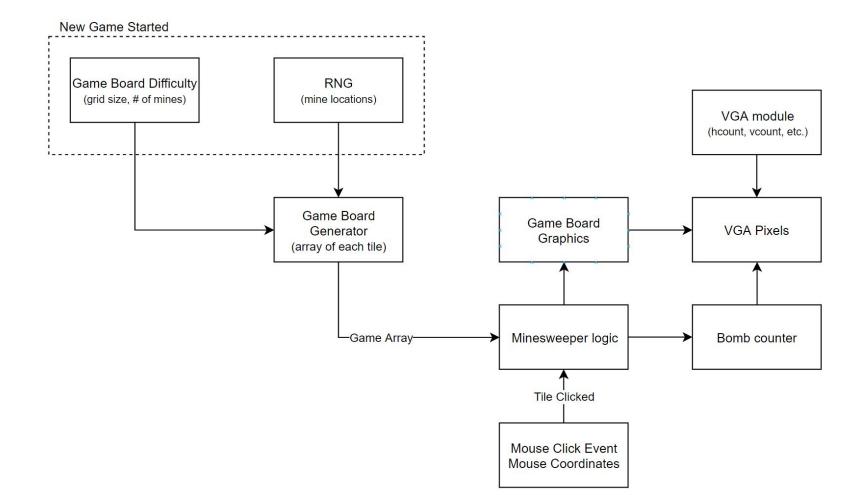
Logic Block Diagram



Logic Block Diagram



Logic Block Diagram





11/8: Module interfaces written in verilog, high-level test benches created.

11/15: Game logic working for single difficulty. USB-HID (mouse) module working

11/22: Game logic + video gen, USB-HID, VGA fully working at single difficulty

11/27: Multiple game difficulties, SD-Card working, audio finishing up, leaderboard and end-game sequence finishing up

12/6: Project completed. Additional features potentially implemented such as multiplayer, snowflakes on screen, etc.

